

IN THE CLAIMS

Please cancel claims 1-27 and 35 without prejudice. Please amend claims 28, 36, and 37 as follows:

1-27. (Cancelled)

28. (Currently Amended) The A method for determining whether a particular cellular service is supported by a cellular service provider of claim 26, further comprising;
reading a first system identification number ("SID") broadcast in a first frequency band,
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C1 said first SID identifying a particular cellular service provider;
determining whether said first SID matches a SID stored in a SID table;
switching to a second frequency band and reading a second SID broadcast in said second frequency band if said first SID does not match a SID stored in said SID table, wherein said particular cellular service is identified if said SID in said first or second frequency bands matches a SID stored in said SID table; and
determining whether data transmissions are urgent if neither said first nor said second SID are identified in said SID table; and
performing a high priority detection process for detecting said cellular service if data transmissions are urgent; and
performing a low priority detection process for detecting said cellular service if data transmissions are not urgent.

29. (Original) The method of claim 28, wherein said low-priority detection process comprises:

listening for cellular pages having an NPA value in a first frequency band, said NPA value indicating that said cellular service provider broadcasting in said first frequency band supports said cellular service.

30. (Original) The method of claim 29, further comprising, if said cellular page is not detected in said first frequency band within a period of time:

switching to a second frequency band and listening for cellular pages having said NPA value in said second frequency band, said NPA value indicating that said cellular service provider broadcasting in said second frequency band supports said cellular service.

31. (Original) The method of claim 28, wherein said high priority detection process further comprises:

transmitting a page request packet in said first frequency band to a host across a cellular network; and

receiving a cellular page from said host in response to said page request packet, thereby identifying said cellular service provider broadcasting at said first frequency band as one which supports said cellular service.

32. (Original) The method of claim 31, further comprising updating said SID table to include a SID of said cellular service provider from which said cellular page was received.

33. (Original) The method of claim 31, further comprising, if said cellular page is not received within a predetermined period of time:

switching to a second frequency band and transmitting a second page request packet to a host across a cellular network; and

receiving a cellular page from said host in response to said second page request packet, thereby identifying said cellular service provider broadcasting at said second frequency band as one which supports said cellular service.

34. (Original) The method of claim 33, further comprising updating said SID table to include a SID of said cellular service provider from which said cellular page was received.

35. (Cancelled)

36. (Currently Amended) The ~~article of manufacture~~ method of claim ~~28~~ 35, wherein said first and second frequency bands are cellular A and B bands, respectively.

37. (Currently Amended) ~~The~~ An article of manufacture ~~of claim 35, further~~ comprising a machine accessible medium including content that when accessed by a machine causes the machine to:

read a first system identification number ("SID") broadcast in a first frequency band, said first SID identifying a particular cellular service provider;

determine whether said first SID matches a SID stored in a SID table;

switch to a second frequency band and read a second SID broadcast in said second frequency band if said first SID does not match a SID stored in said SID table, wherein a particular service is identified if said SID in said first or second frequency bands matches a SID stored in said SID table; and

determine whether data transmissions are urgent if neither said first nor said second SID are identified in said SID table, and

perform a high priority detection process for detecting said cellular service if data transmissions are urgent; and

perform a low priority detection process for detecting said cellular service if data transmissions are not urgent.

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38. (Original) The article of manufacture of claim 37, wherein said low priority detection process comprises:

listening for cellular pages having an NPA value in a first frequency band, said NPA value indicating that said cellular service provider broadcasting in said first frequency band supports said cellular service; and

switching to a second frequency band and listening for cellular pages having said NPA value in said second frequency band, said NPA value indicating that said cellular service provider broadcasting in said second frequency band supports said cellular service.

39. (Original) The article of manufacture of claim 37, wherein said high priority detection process comprises:

transmitting a page request packet in said first frequency band to a host across a cellular network; and

receiving a cellular page from said host in response to said page request packet, identifying said cellular service provider broadcasting at said first frequency band as one which supports said cellular service.

40. (Original) The article of manufacture of claim 39, further comprising a machine accessible medium including content that when accessed by a machine causes the machine to update said SID table to include a SID of said cellular service provider from which said page was received.

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41. (Original) The article of manufacture of claim 39, further comprising a machine accessible medium including content that when accessed by a machine causes the machine to, if said cellular page is not received within a predetermined period of time:

switch to a second frequency band and transmitting a second page request packet to a host across a cellular network; and

receive a cellular page from said host in response to said page request packet, identifying said cellular service provider broadcasting at said second frequency band as one which supports said cellular service.

42. (Original) The article of manufacture of claim 41, further comprising a machine accessible medium including content that when accessed by a machine causes the machine to update said SID table to include a SID of said cellular service provider from which said page was received.